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**Search scope:** JP (bibliographic data only)

**Years:** 1971-2005

**Patent/Publication No.:** ((JP2003217172))

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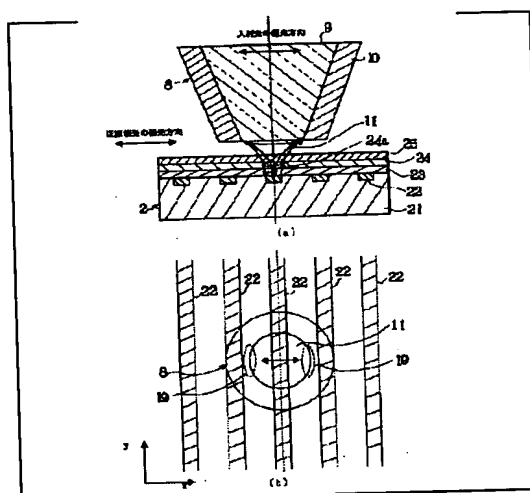
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**JP2003217172 A**  
**RECORDING MEDIUM, OPTICAL**  
**PROBE AND INFORMATION**  
**RECORDING AND REPRODUCING**  
**DEVICE**  
 RICOH CO LTD

**Abstract:**

**PROBLEM TO BE SOLVED:** To perform high density recording by enhancing the utilization efficiency of light of a recording layer.

**SOLUTION:** Stripes 22 with low resistance or dots 41 with low resistance constituted of a metal material are provided along the face opposed to an optical probe 8 of the recording layer 24 for recording information in a recording medium 2 and the face on the side opposite thereto and in the direction parallel to the direction of a data row. An electric field by near field light generated at a minute aperture 11 at the tip of the optical probe 8 by irradiating the optical probe 8 with a laser beam is focused on the stripes 22 with low resistance or the dots 41 with low resistance, the recording layer 24 is efficiently heated and a recording mark is written.



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**Application No.** 2002011252 JP2002011252 JP, **Filed** 20020121, **A1 Published** 20030731

**Int'l Class:** G11B00724

G11B007007 G11B00709 G11B007135

**Patents Citing This One** No US, EP, or WO patent/search reports have cited this patent.



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